

**AMENDMENTS TO THE CLAIMS**

1. (currently amended) A network node comprising:

a central processing unit (CPU) for controlling functionality of the network node;  
a plurality of network ports for establishing contact with a network over a plurality  
5 of network lines;

an RS-232 serial port for establishing communications with a server over a serial  
cable, or with the modem;

a switch for controlling the RS-232 port,

wherein when the switch is in a first setting the RS-232 port is capable of  
10 communicating with the server over the serial cable, and when the switch is  
in a second position the RS-232 port is capable of communicating with the  
modem;

a modem for establishing communications with a contact device over a telephone  
system; and

15 a memory for storing programs and data, the programs executable by the CPU, the  
memory comprising:

a network management program for analyzing network traffic on the network  
ports, identifying an emergency condition according to the network traffic,  
and generating an associated emergency condition identifier;

20 at least a contact telephone number of the contact device;

at least an emergency message; and

an emergency call-out program for utilizing the modem to dial the contact  
telephone number and send the emergency message to the contact device  
according to the emergency condition identifier.

25 2. (cancelled).

3. (original) The network node of claim 1 wherein the network node is a management  
switch.

30 4. (original) The network node of claim 1 further comprising a database, the database  
comprising a plurality of entries, each entry comprising:

a condition event that corresponds to a possible value of the emergency condition identifier; and  
corresponding message data;  
the emergency call-out program containing code to index into the database according  
5 to the emergency condition identifier to locate an entry and to leave a message at the contact device according to the message data in the located entry.

5. (currently amended) A method for providing emergency calling functionality to a network node, the network node connected to a network and comprising a network  
10 management program for identifying an emergency condition according to traffic on the network, the method comprising:

providing the network node with a modem to connect to a telephone system;  
providing the network node with a server;  
providing the network node with a switch to select between the modem and the  
15 server;  
providing at least a contact telephone number of a contact device on the telephone system;  
providing at least an emergency message;  
selecting a contact telephone number and an emergency message according to an  
20 emergency condition of the network as identified by the network management program; and  
causing the modem to dial the contact telephone number and send the emergency message to the contact device over the telephone system.